

## **IN THE SPECIFICATION**

Please replace paragraph [0024] with the following amended paragraph:

**[0024]**        **Figure 3** is a block diagram of one embodiment of a Web Service composition module 300. The Web Service composition module 300 includes a request receiver 302, a plan generator 304, a BPEL translator 308, a user preference database 310, and a service description database [\[\[306\]\] 316](#).

Please replace paragraph [0026] with the following amended paragraph:

**[0026]**        The plan generator 304 is responsible for identifying Web Services needed to satisfy the requirements associated with the user request and generating a service plan for performing the identified Web Services. The Web Services are identified using data stored in the service description database [\[\[306\]\] 316](#). The service plan may be generated using various methods, as will be described in more detail below.

Please replace paragraph [0031] with the following amended paragraph:

**[0031]**        At processing block 406, processing logic identifies Web Services to be performed, in order to satisfy the requirements of the user request. In one embodiment, the Web Services are identified by de-composing, using an automated planner, a problem posed by the user request into sub-problems for which known solutions can be used, and then mapping the sub-problems to relevant Web Services based on service descriptors (e.g., stored in the service description database [\[\[306\]\] 316](#)).